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Amendments to the Drawings

Please replace originally filed sheets 1/30 - 30/30 for Figures 1A - 26 with substitute sheets 1/31 - 31/31 attached hereto as **Exhibit A**. The substitute sheets include one set of photographs mounted on Bristol Board for Figures 4D, 16, 21B, 22A, 22B, 24 and 26.

FIG. 1B

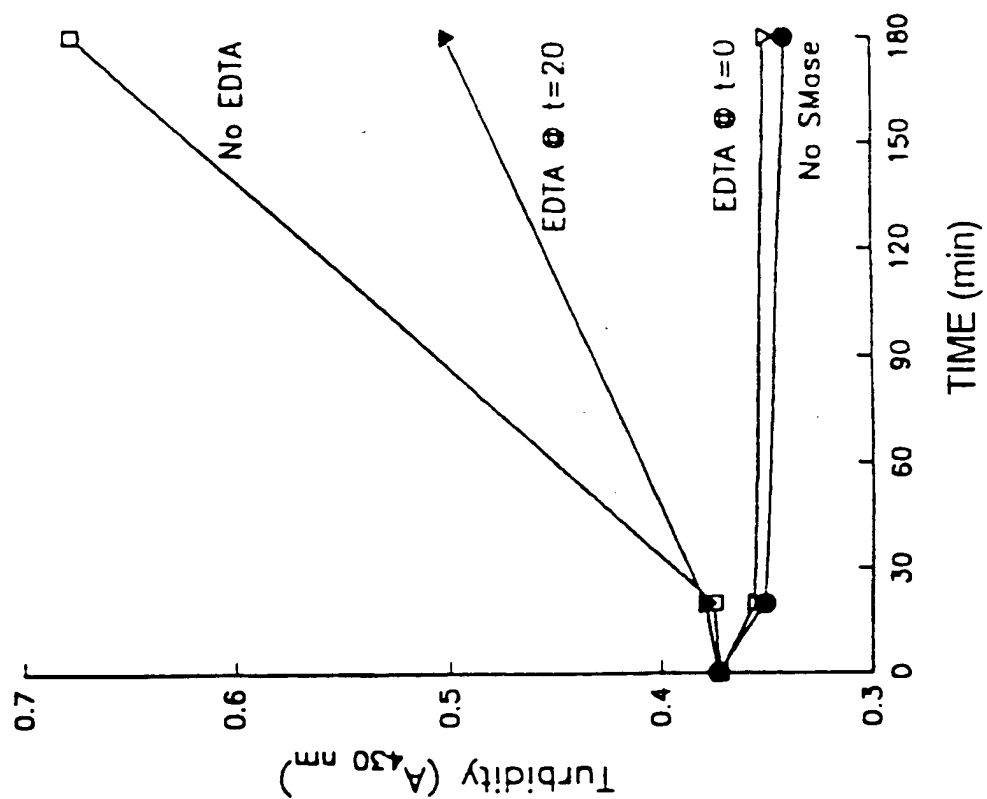


FIG. 1A

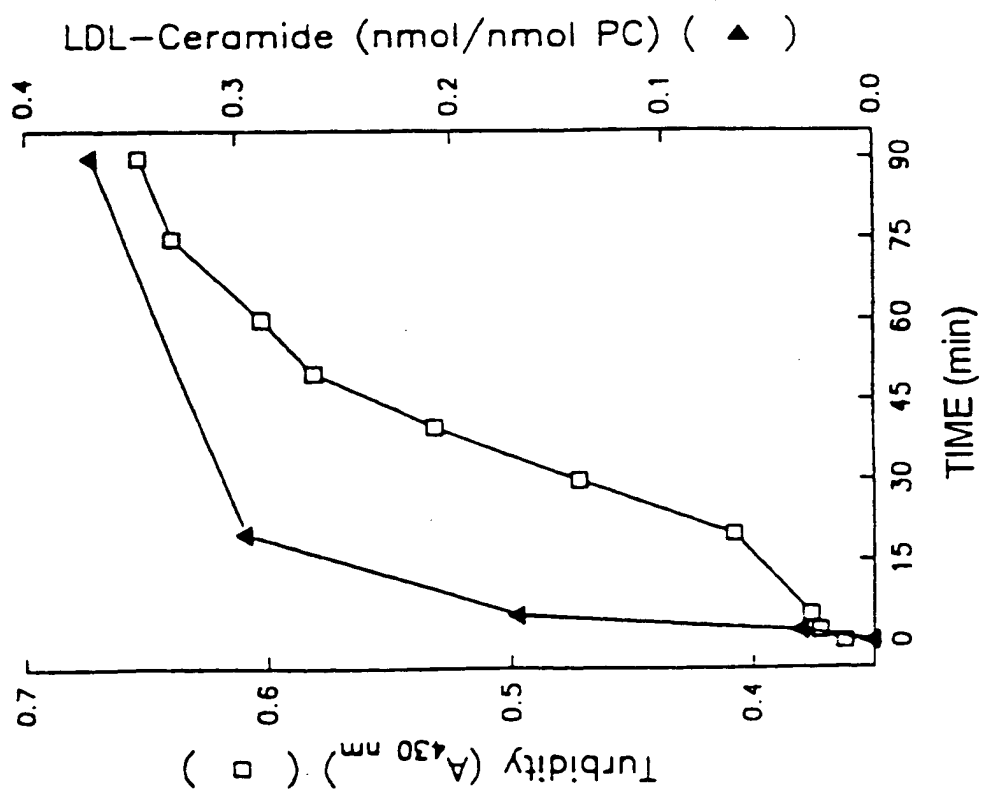
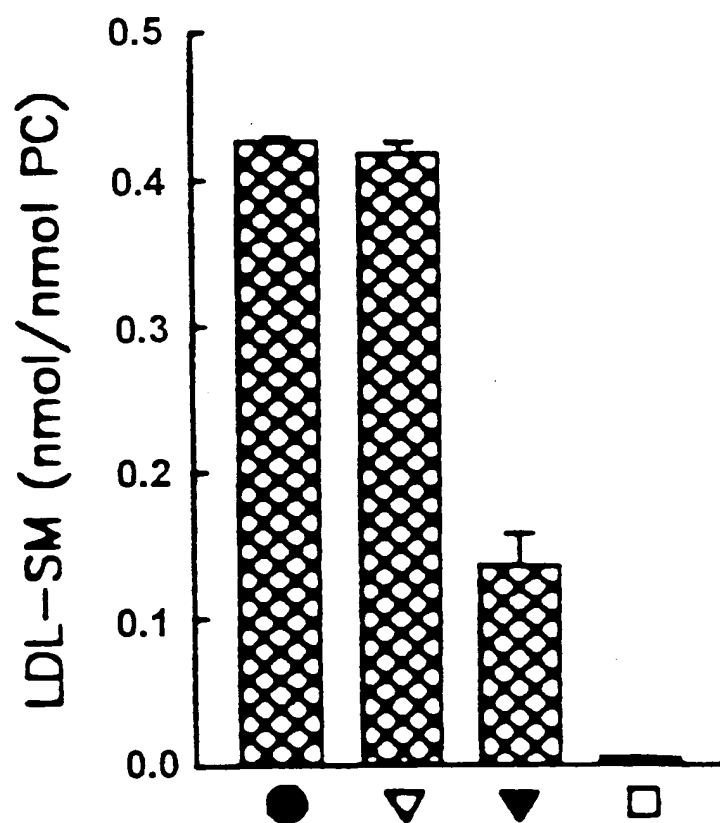


FIG. 1C



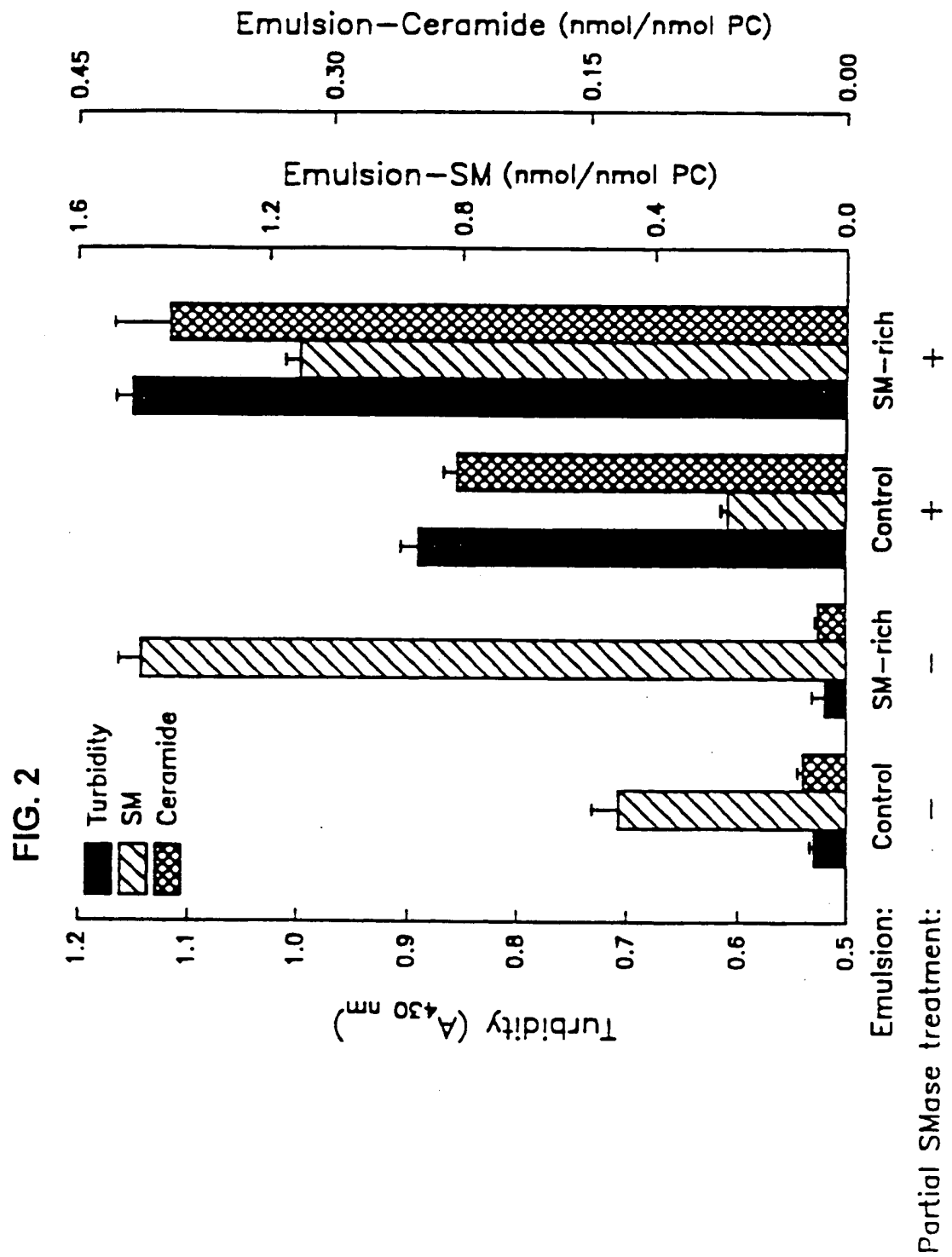
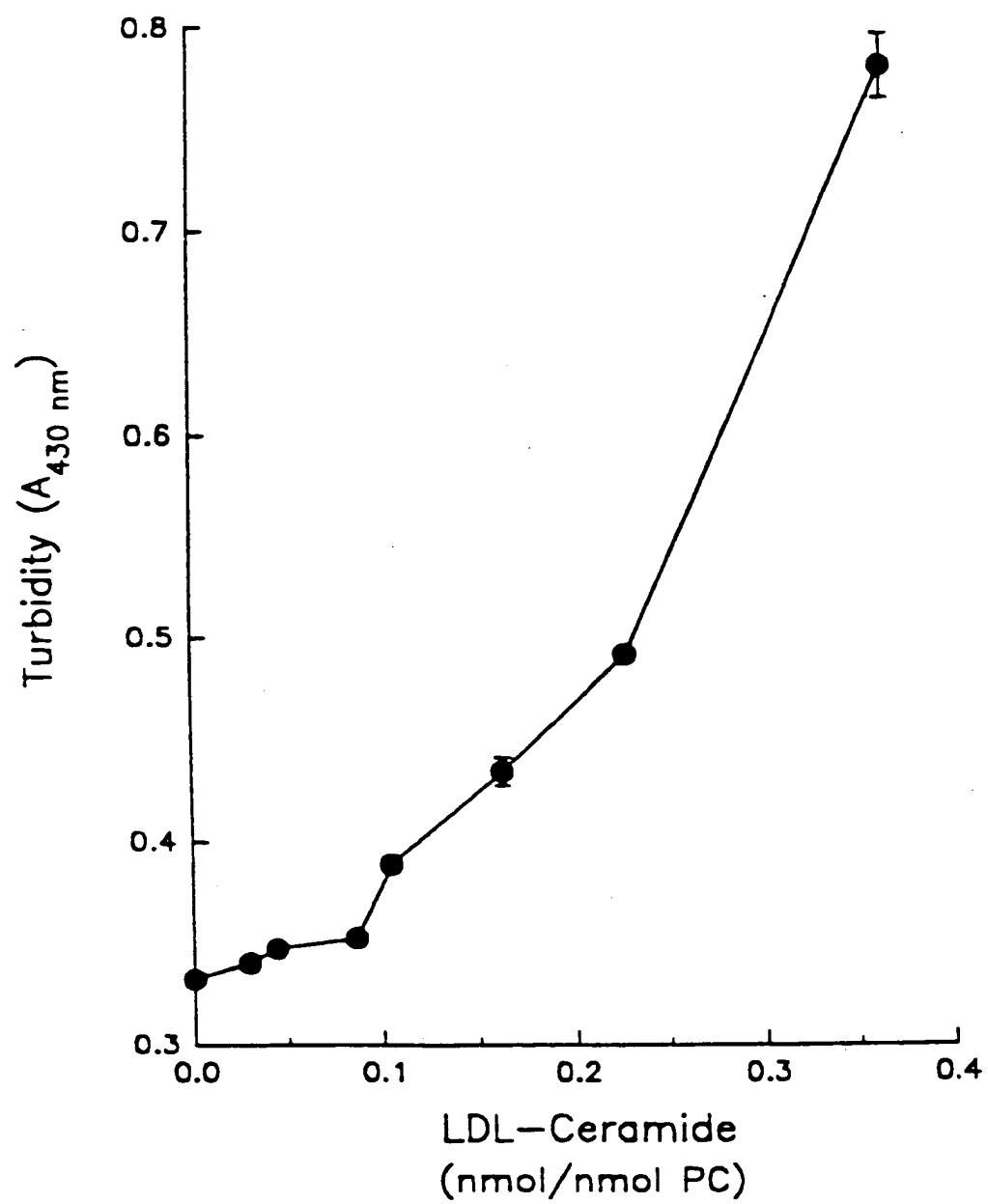


FIG. 3



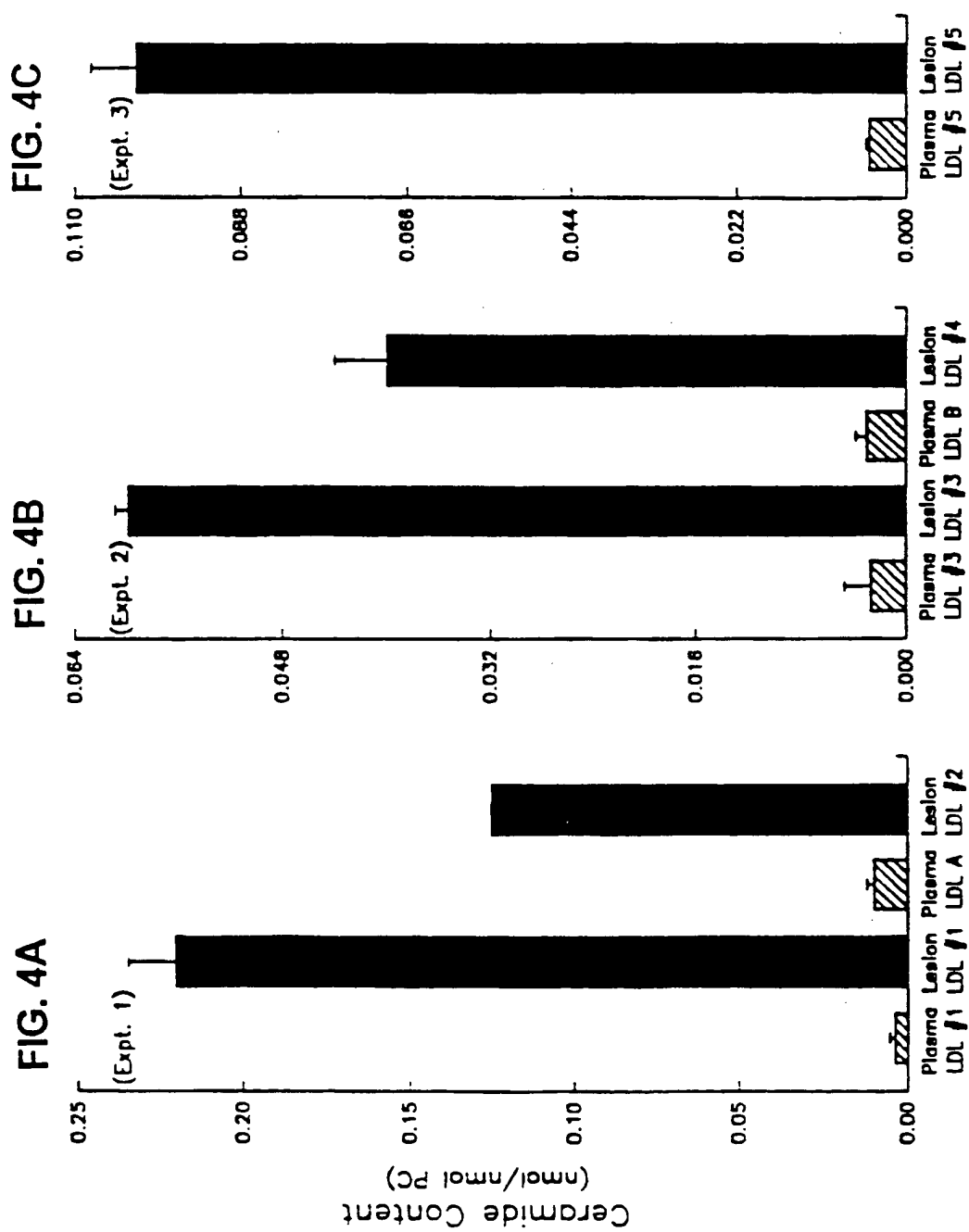


FIG. 4D

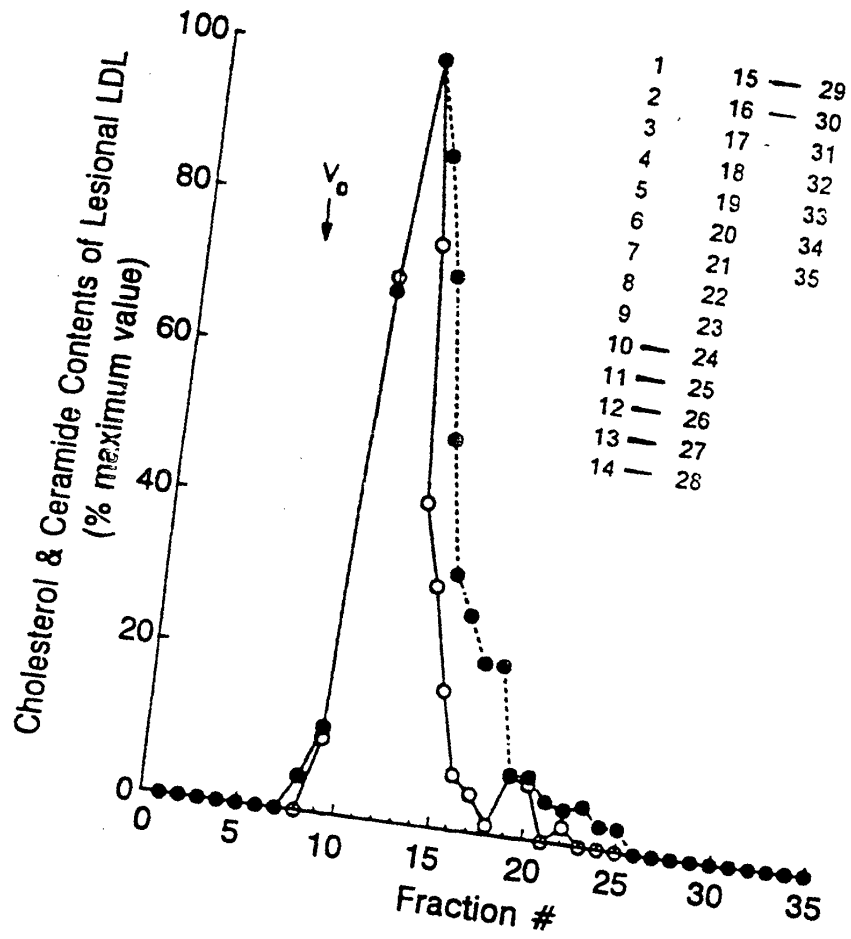
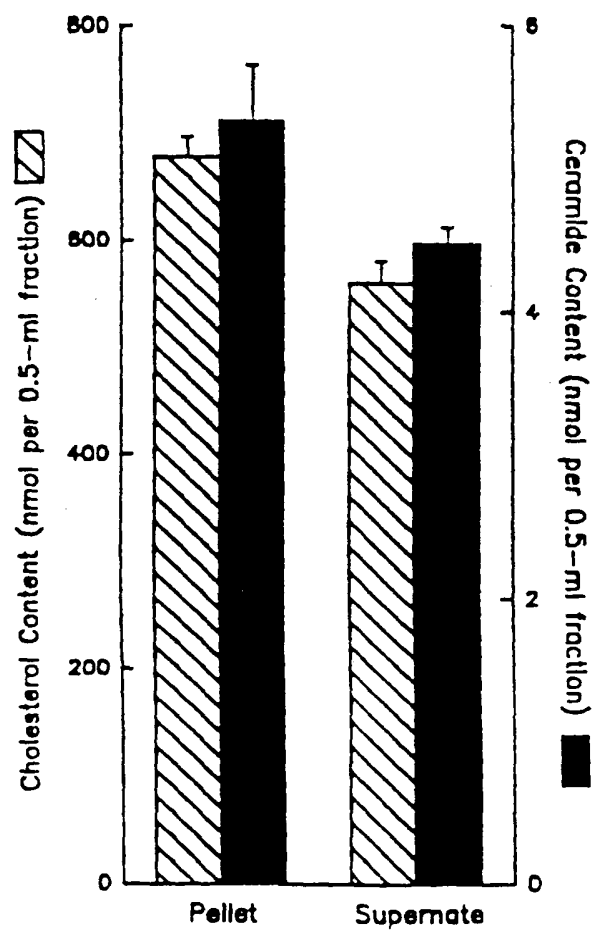


FIG. 5A



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FIG. 5B

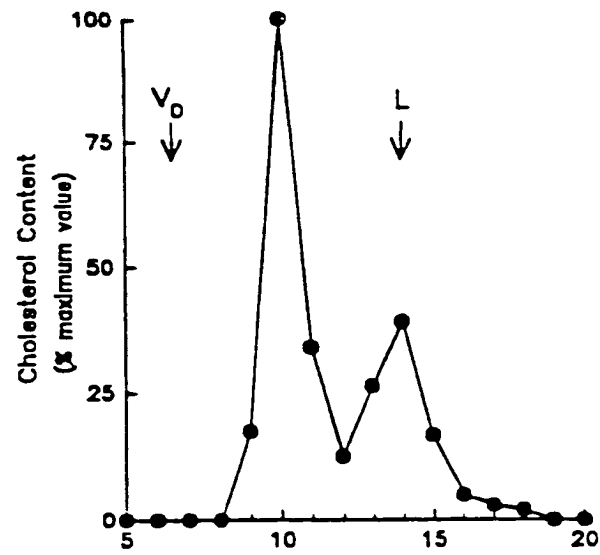


FIG. 5C

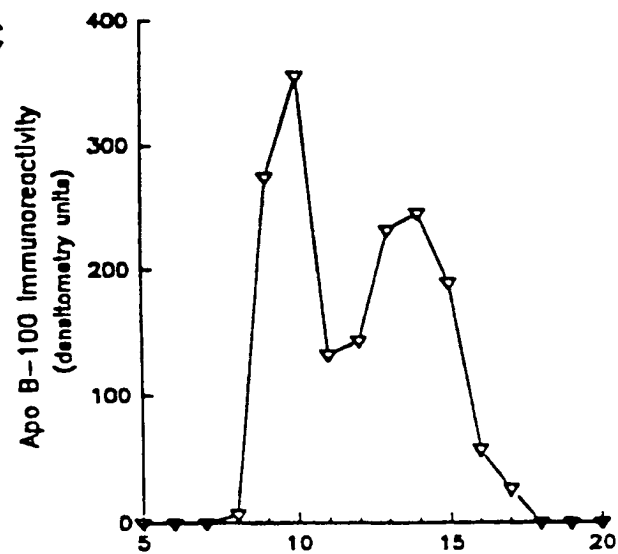


FIG. 5D

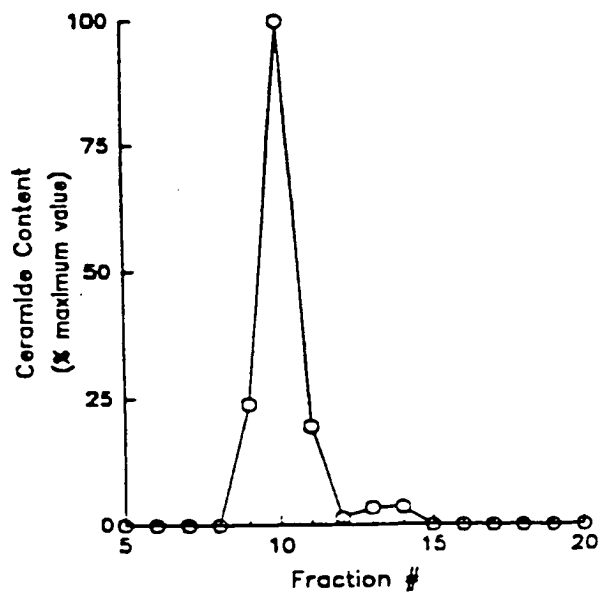


FIG. 6B

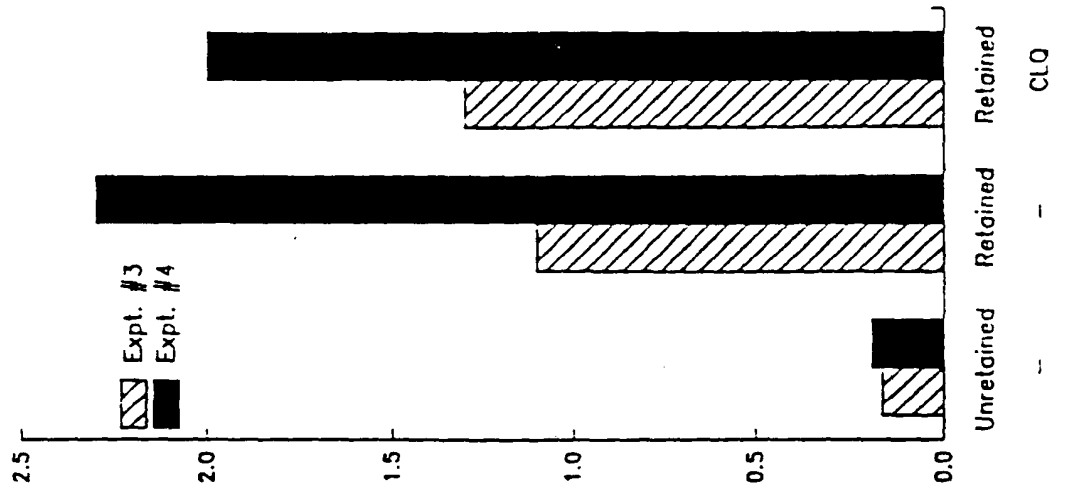


FIG. 6A

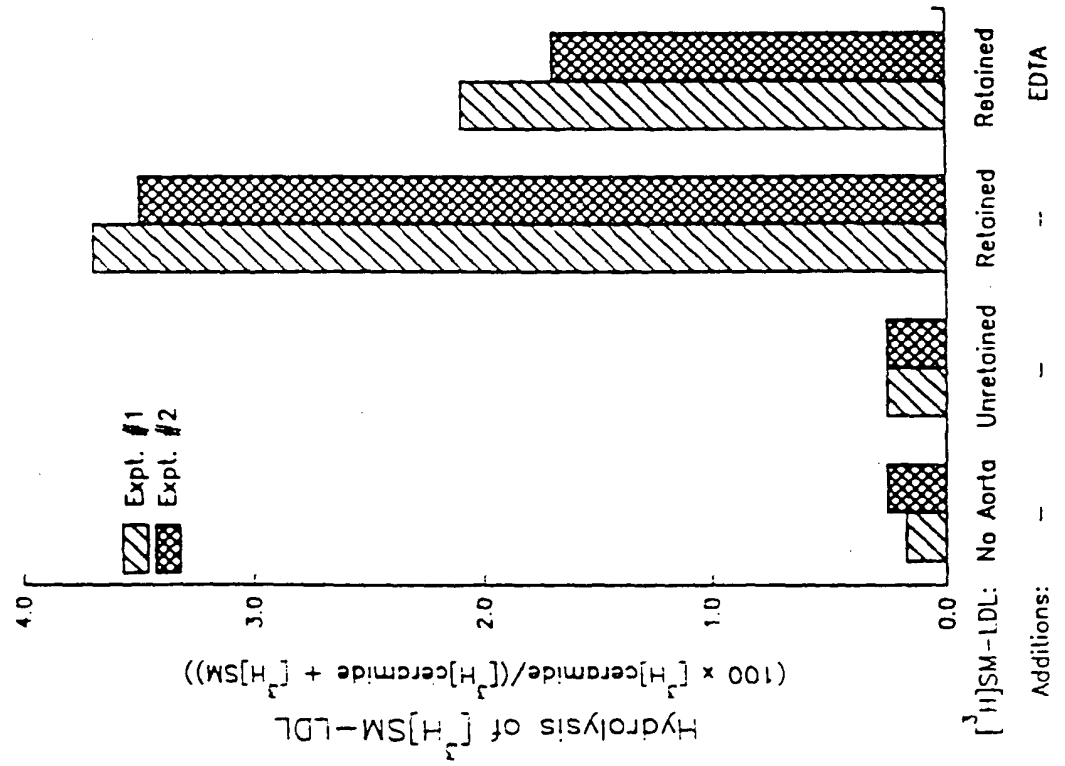


FIG. 7A

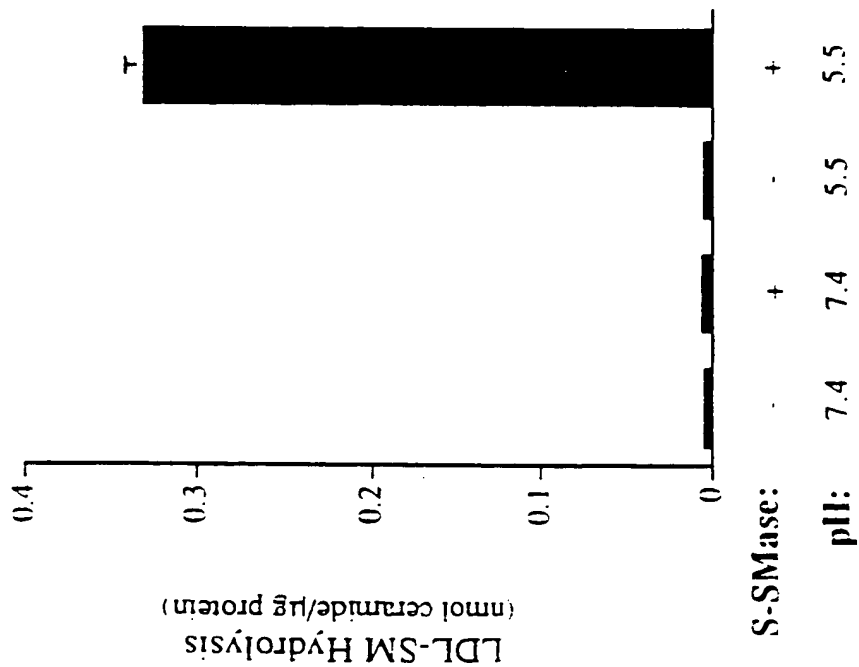


FIG. 7B

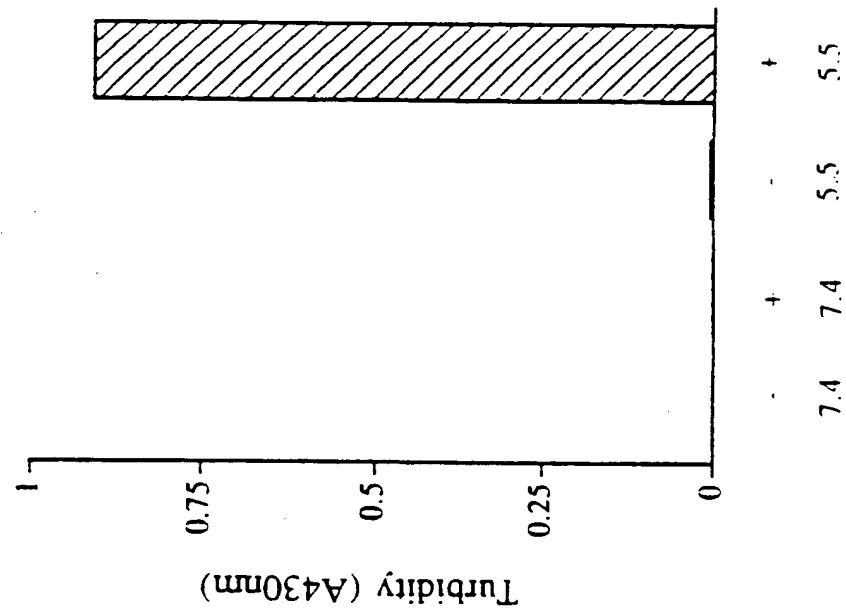


FIG. 8A

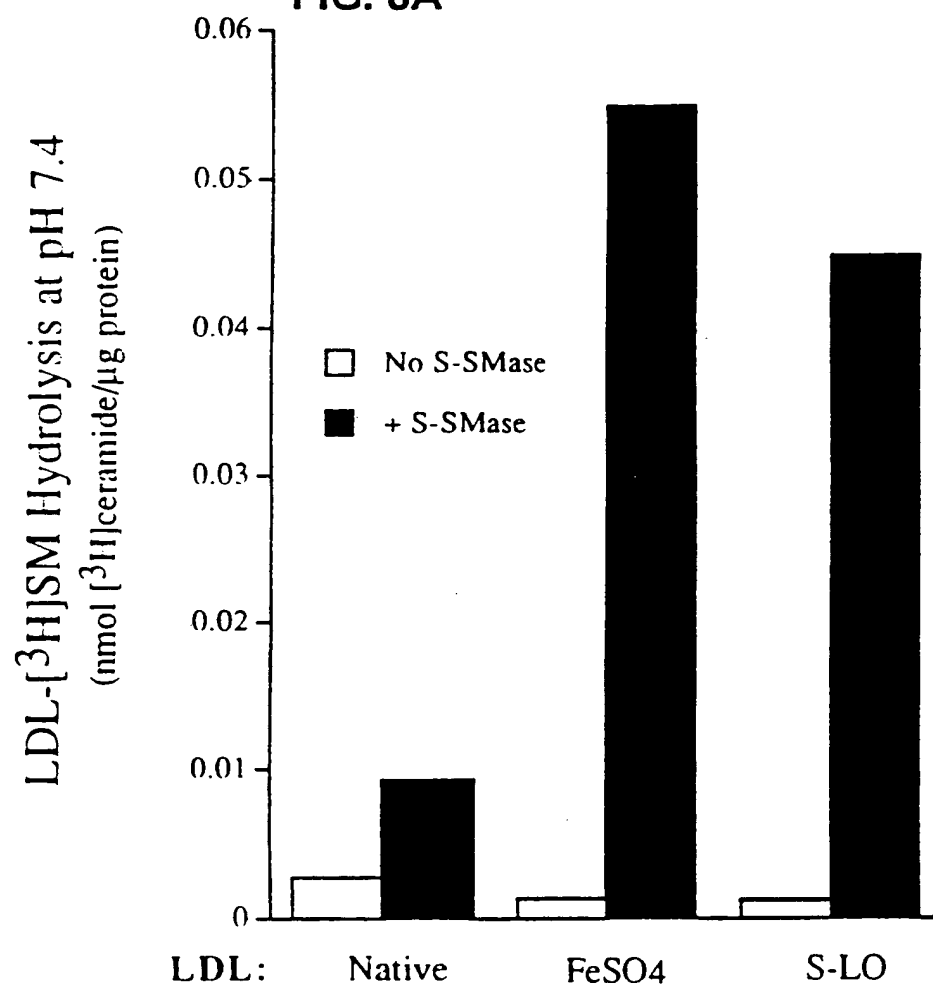


FIG. 8B

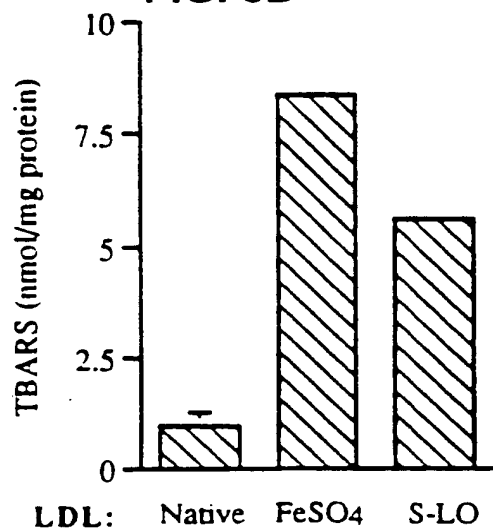
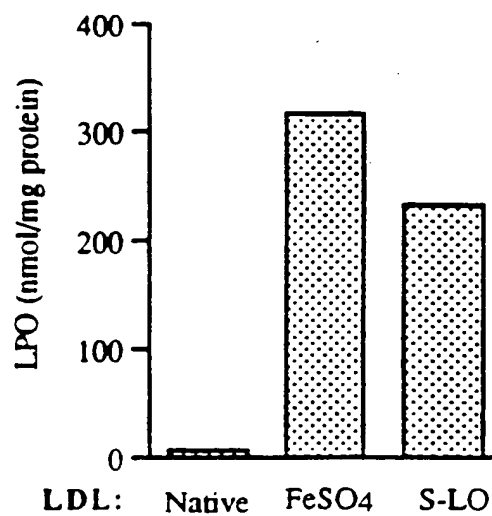


FIG. 8C



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FIG. 9

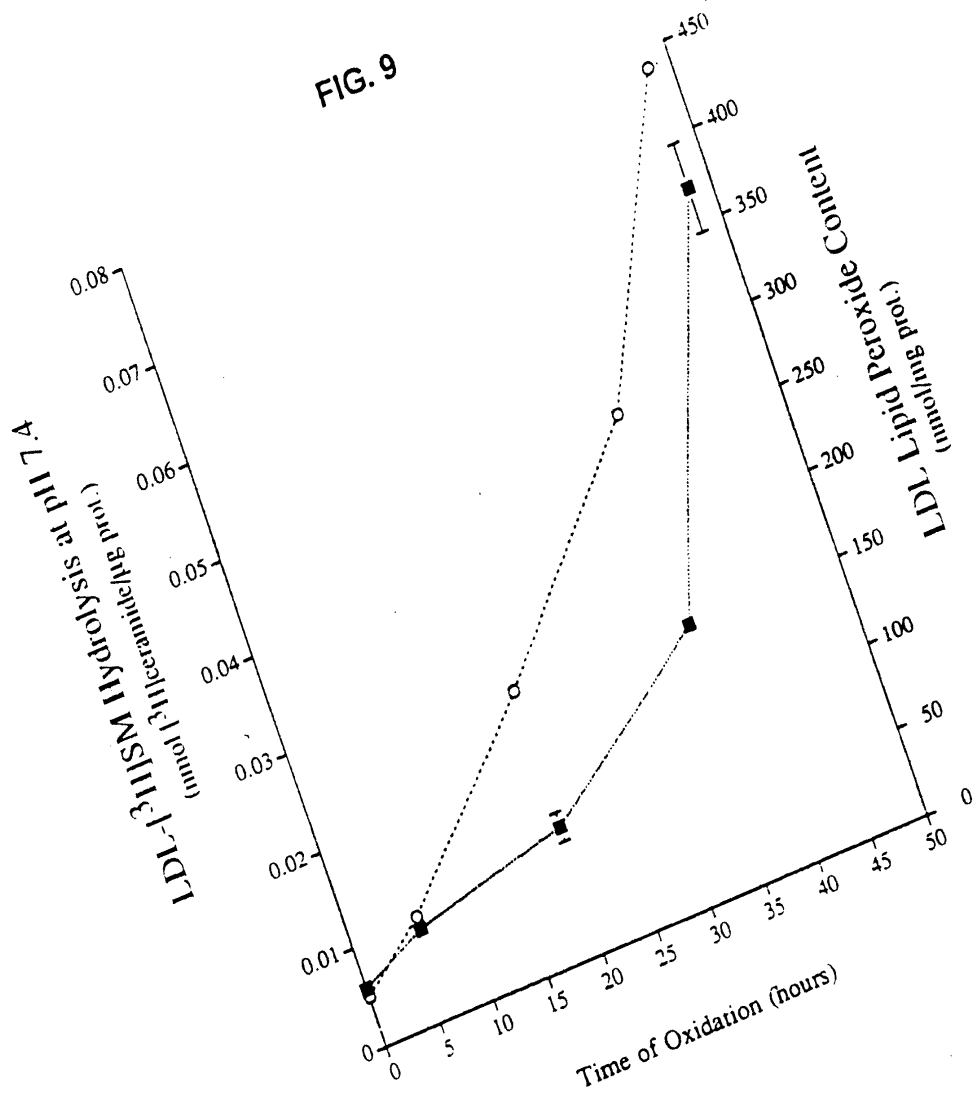


FIG. 10

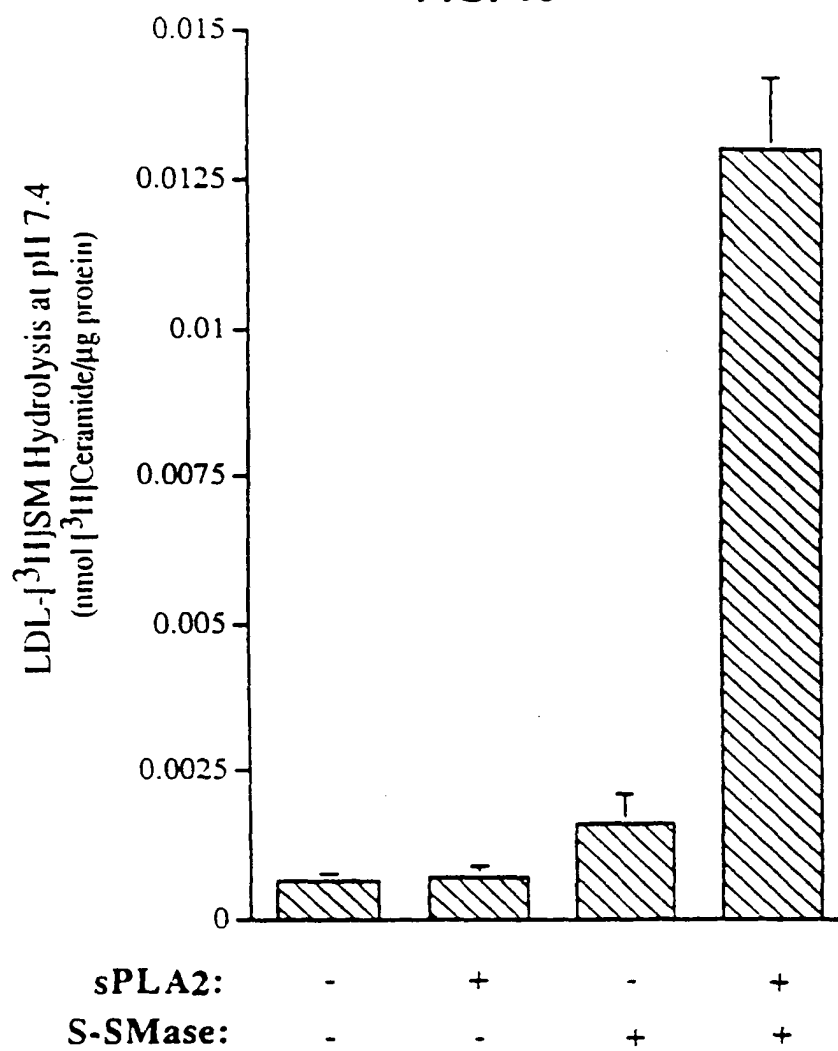


FIG. 11B

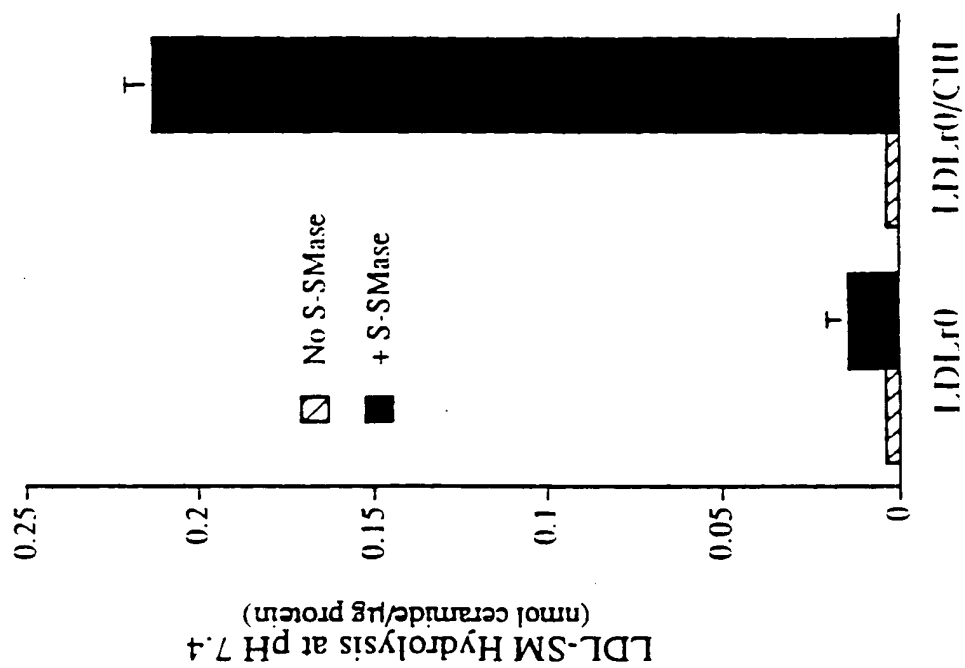
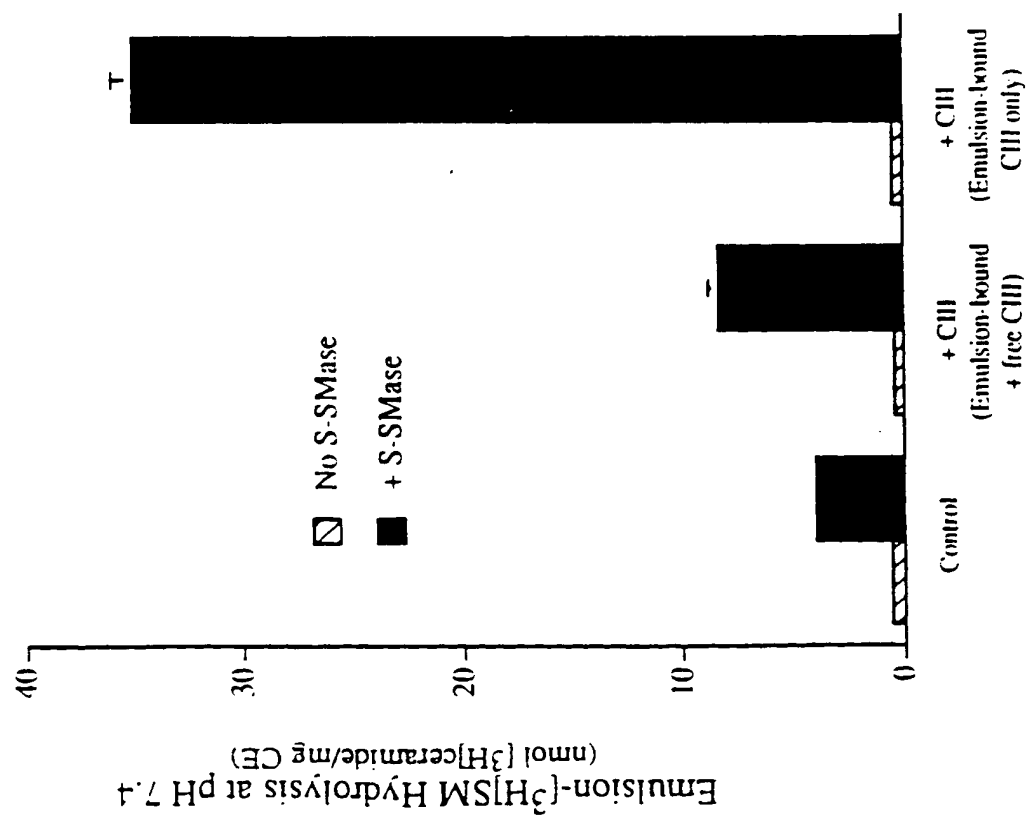


FIG. 11A



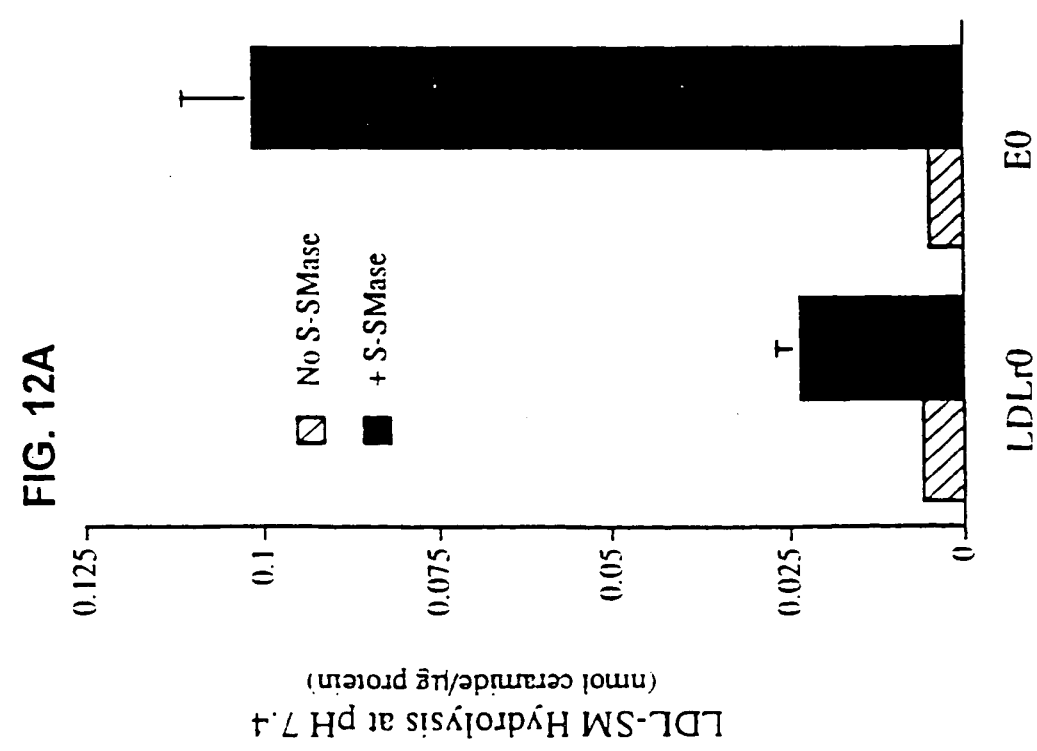
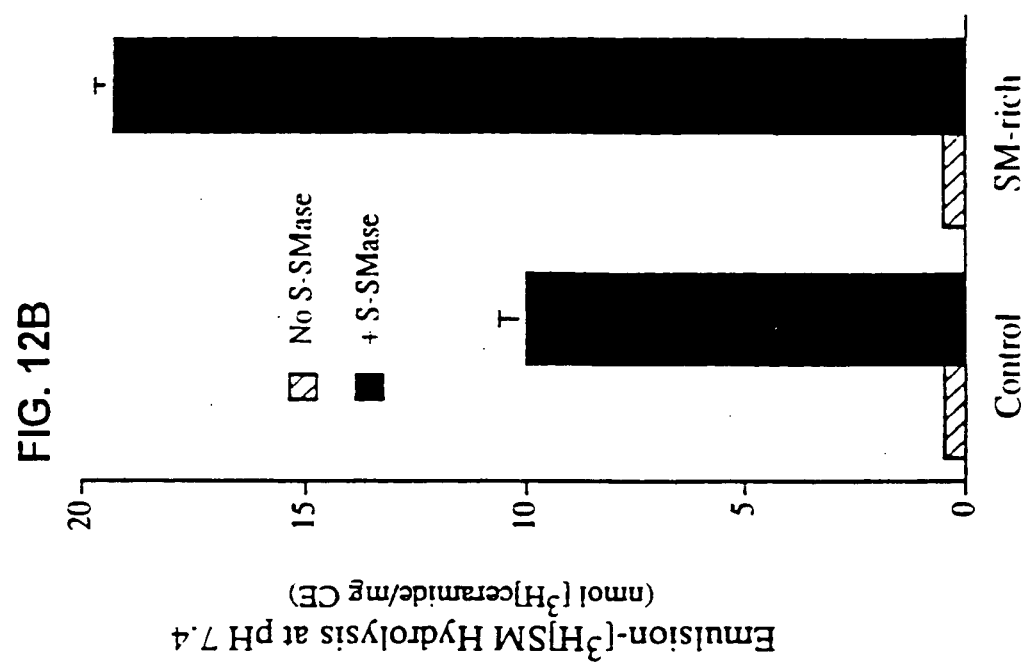


FIG. 13

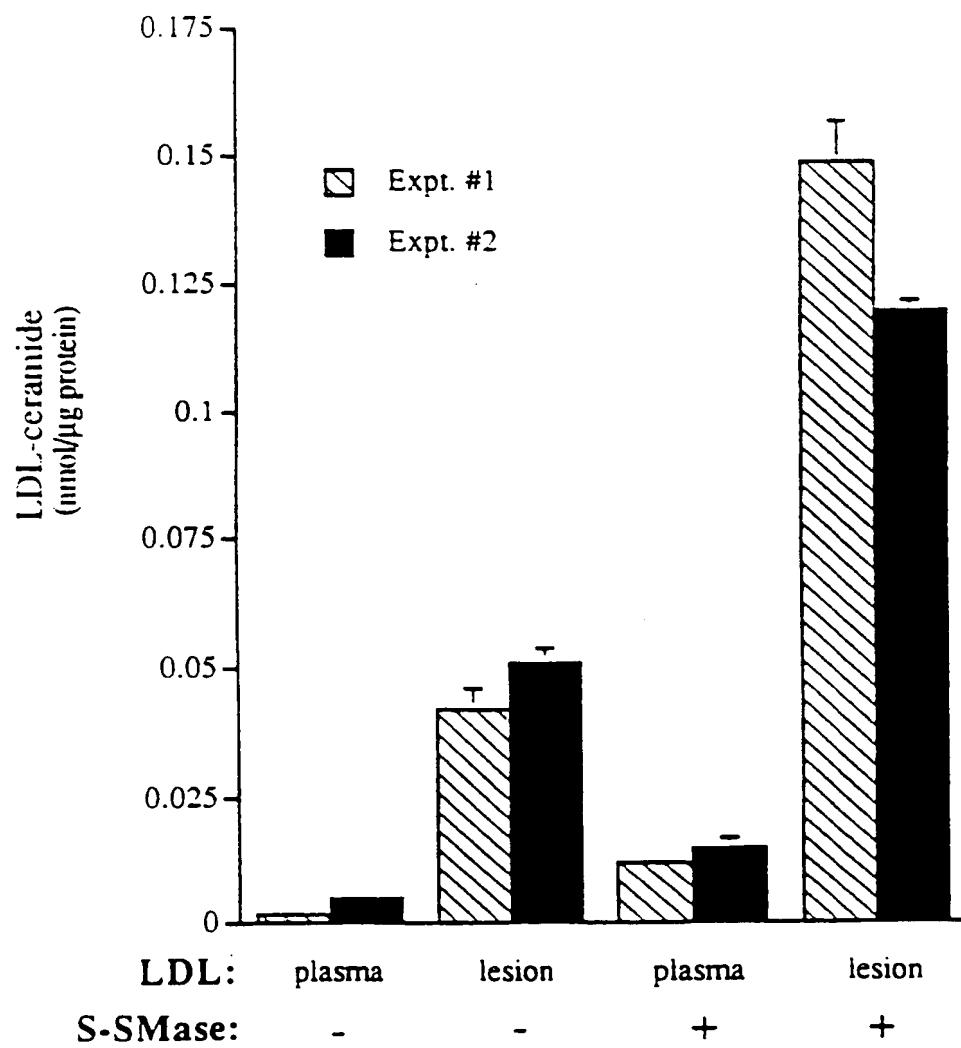


FIG. 14B

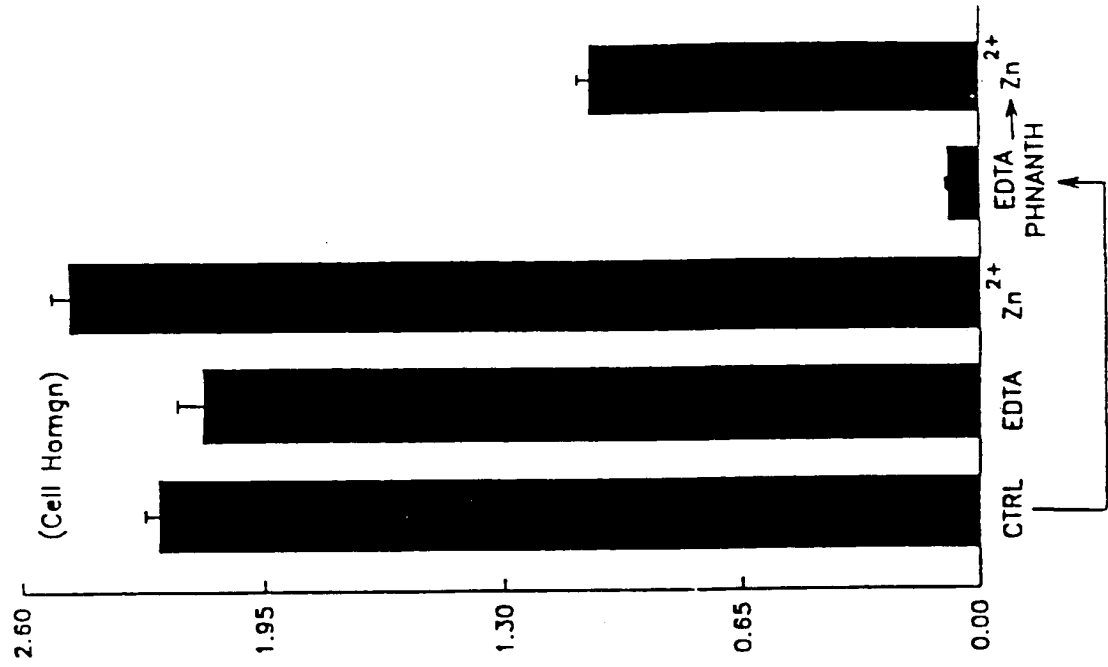


FIG. 14A

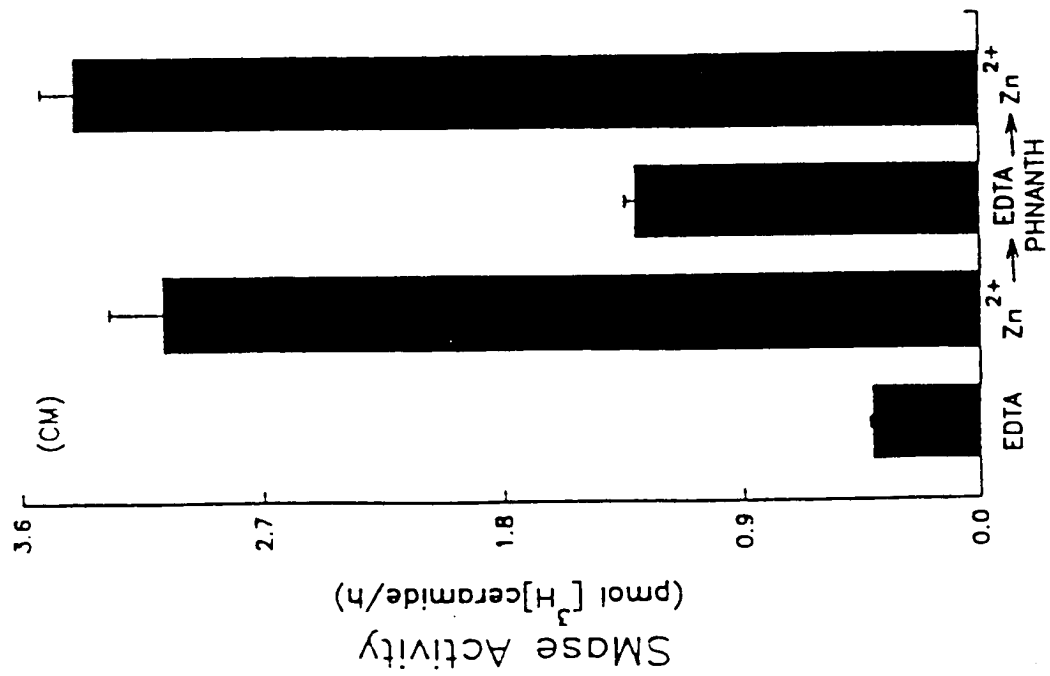


FIG. 15

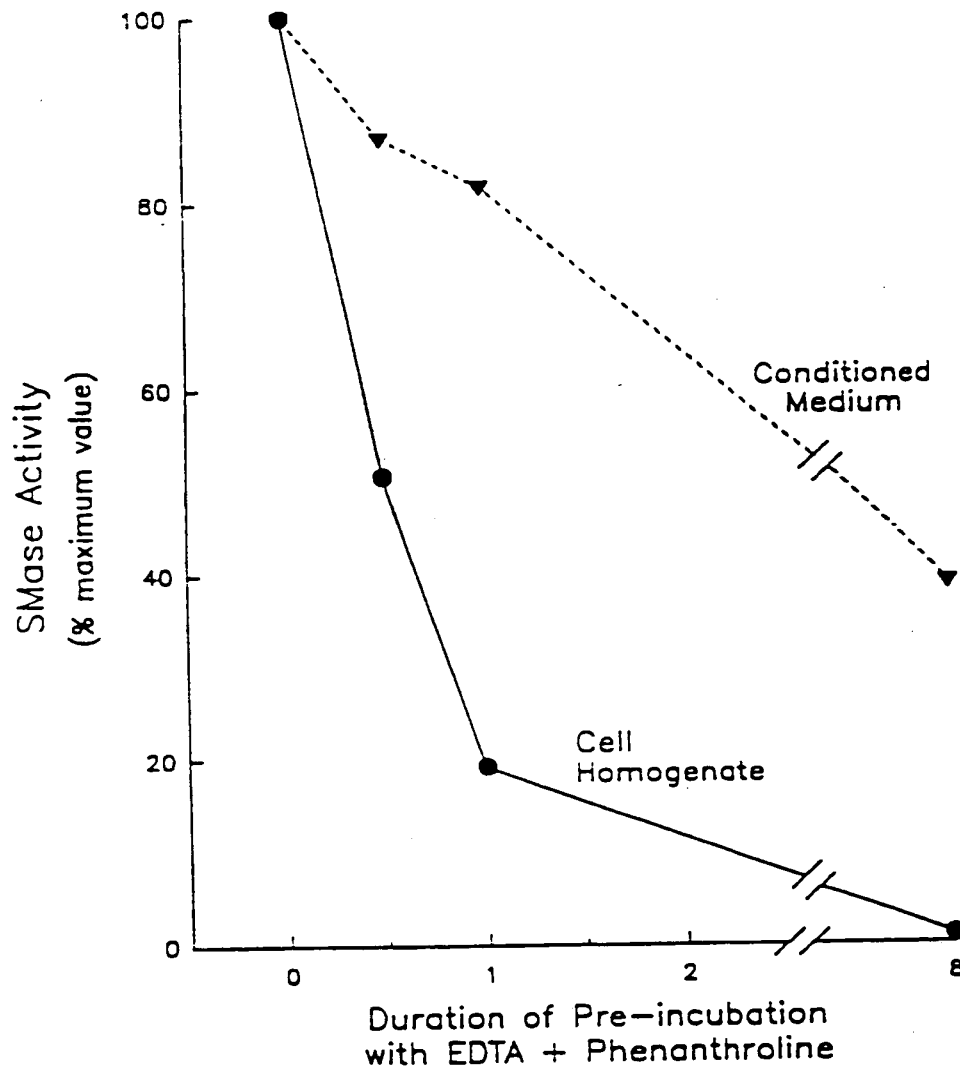


FIG. 16

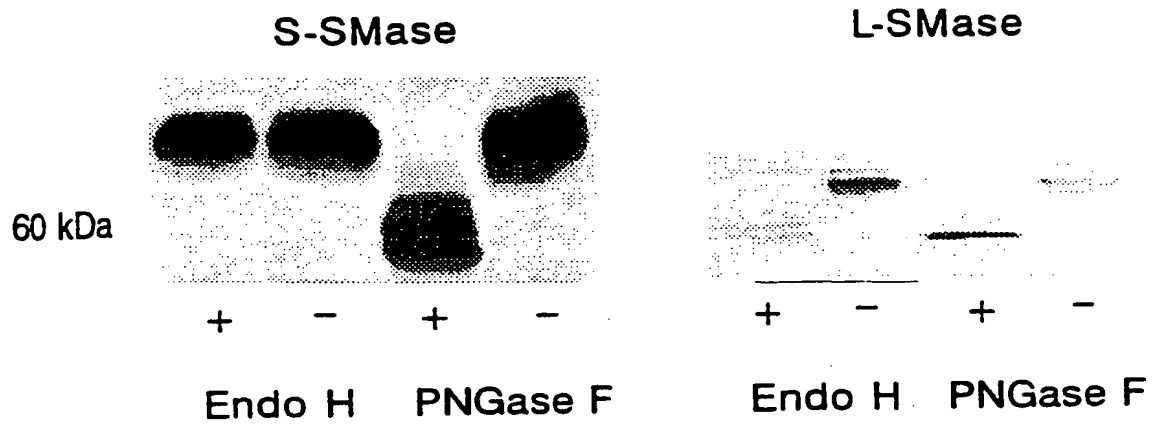


FIG. 18A

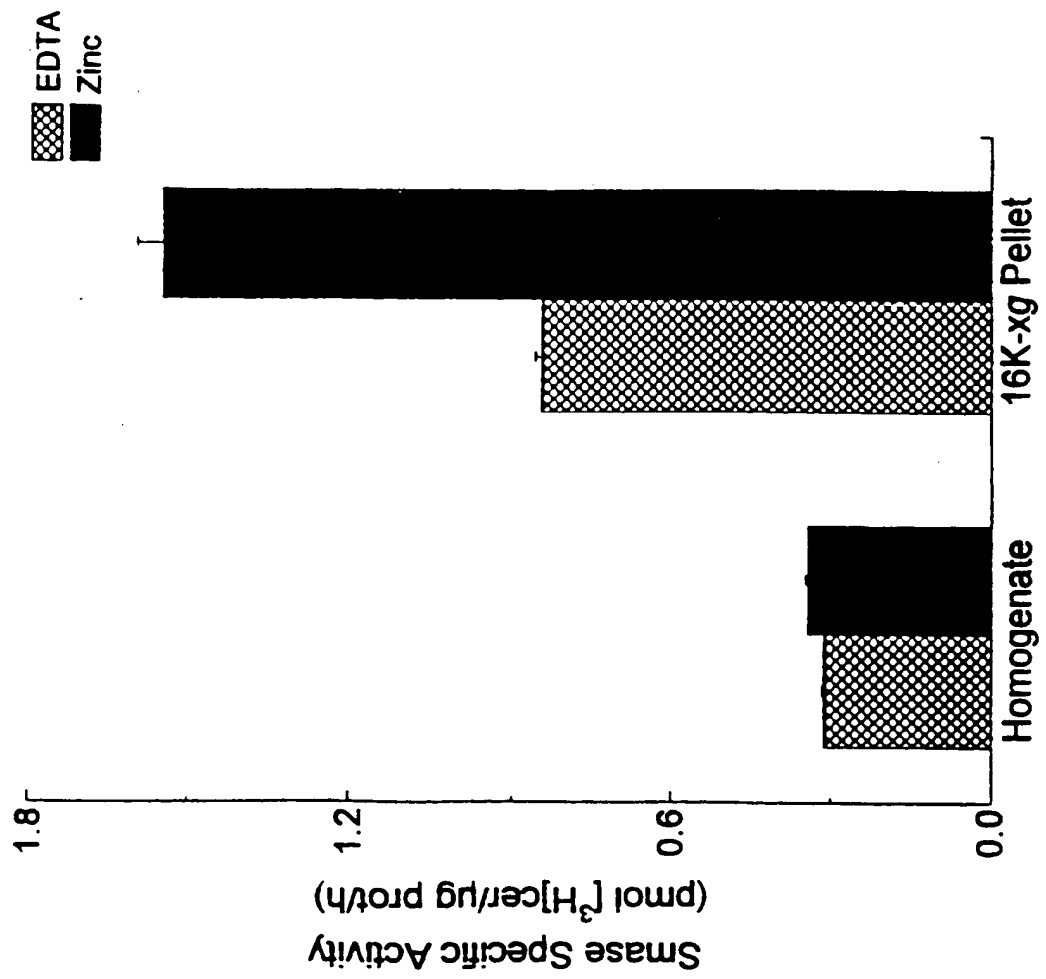


FIG. 18B

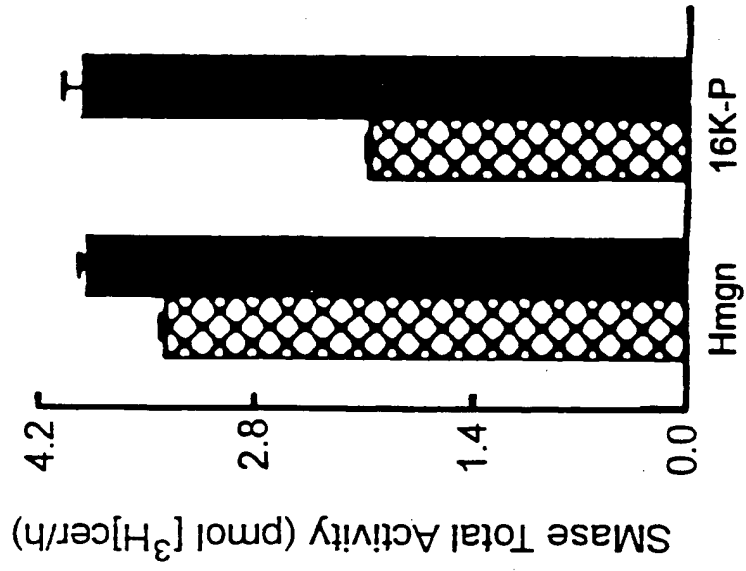


FIG. 19

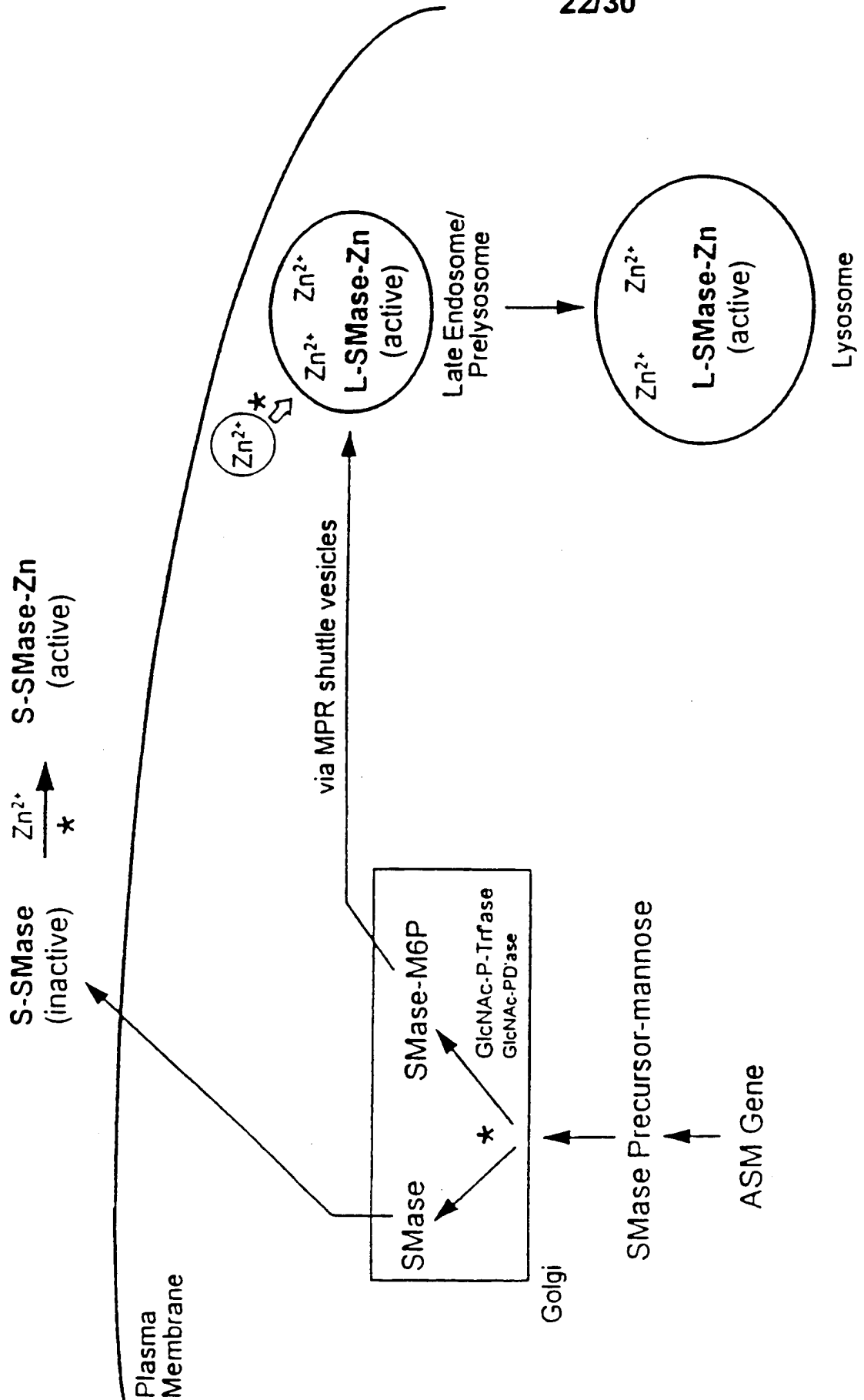


FIG. 20A

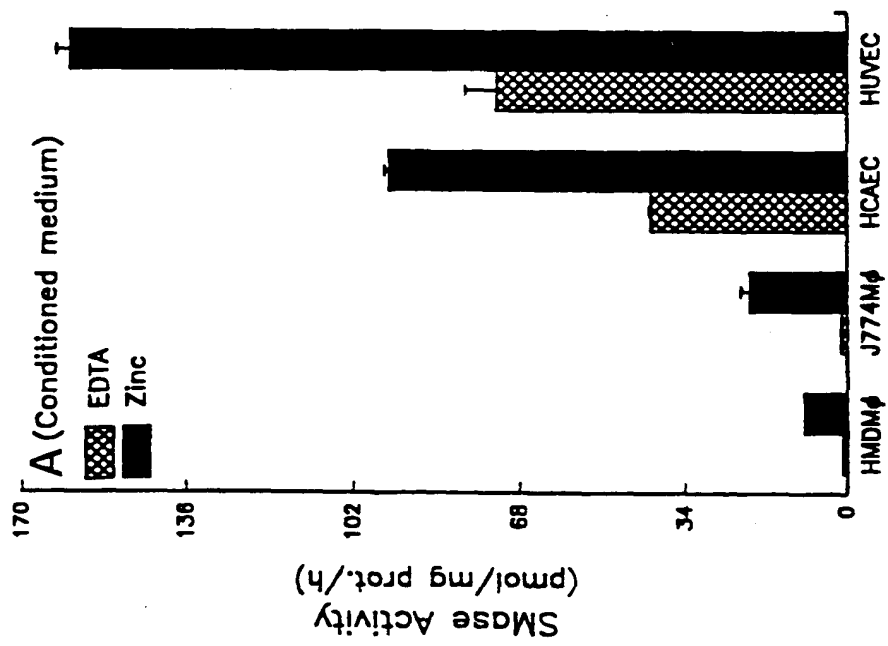


FIG. 20B



FIG. 21A

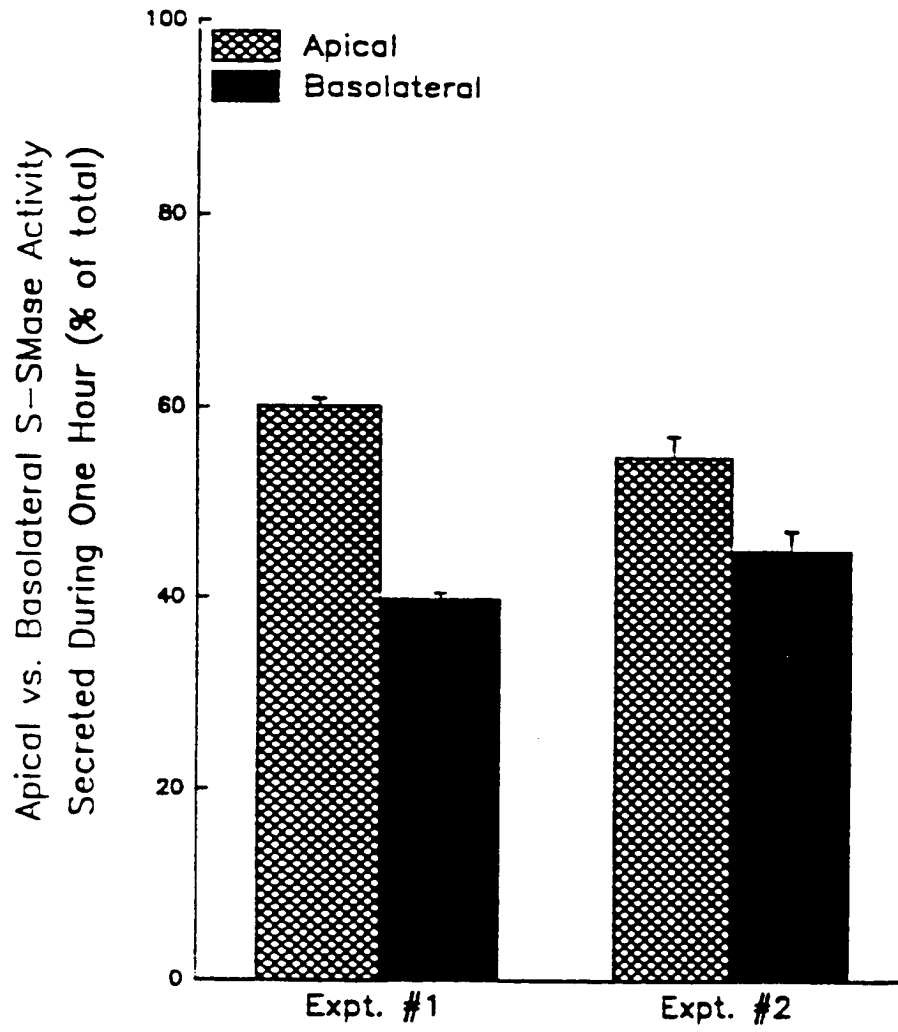


FIG. 21B

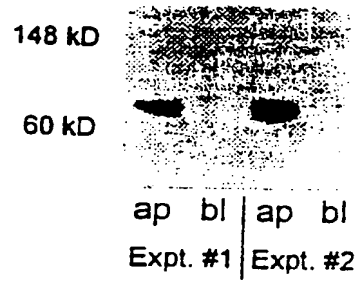


FIG. 22A

A (SMase Knockout)



FIG. 22B

B (Wild type)

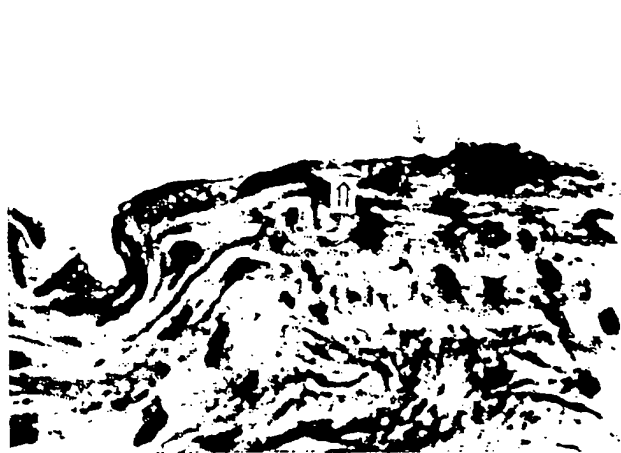


FIG. 23B

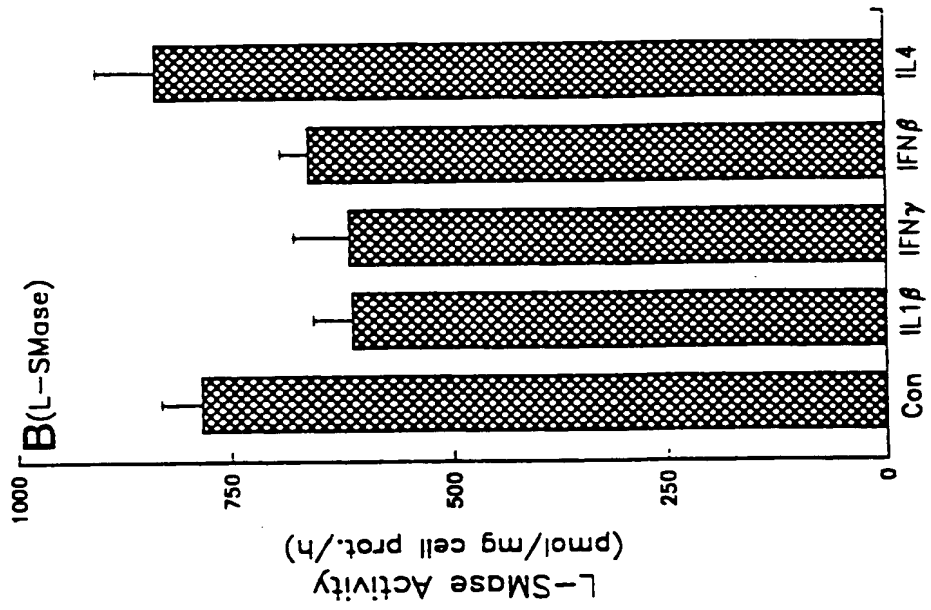


FIG. 23A

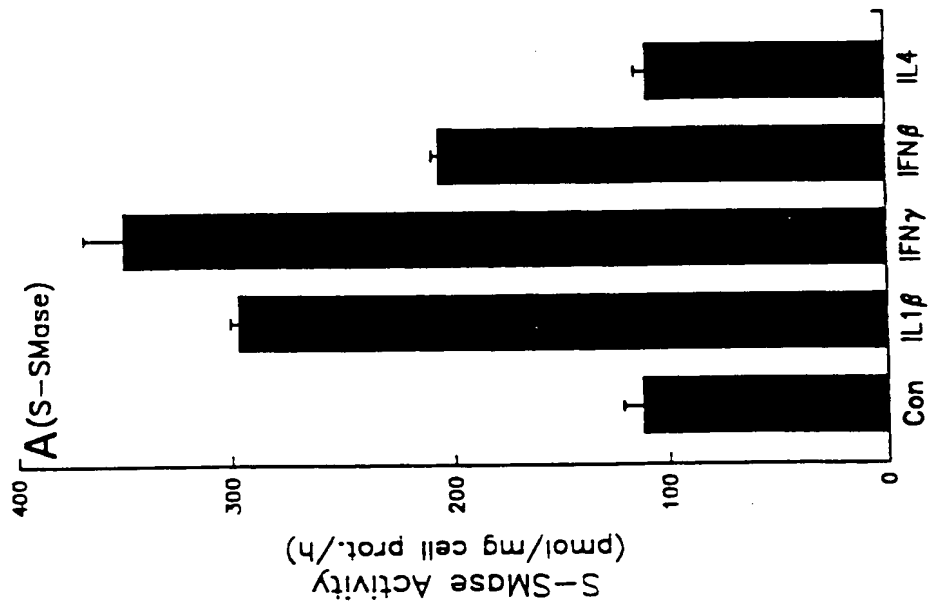


FIG. 24

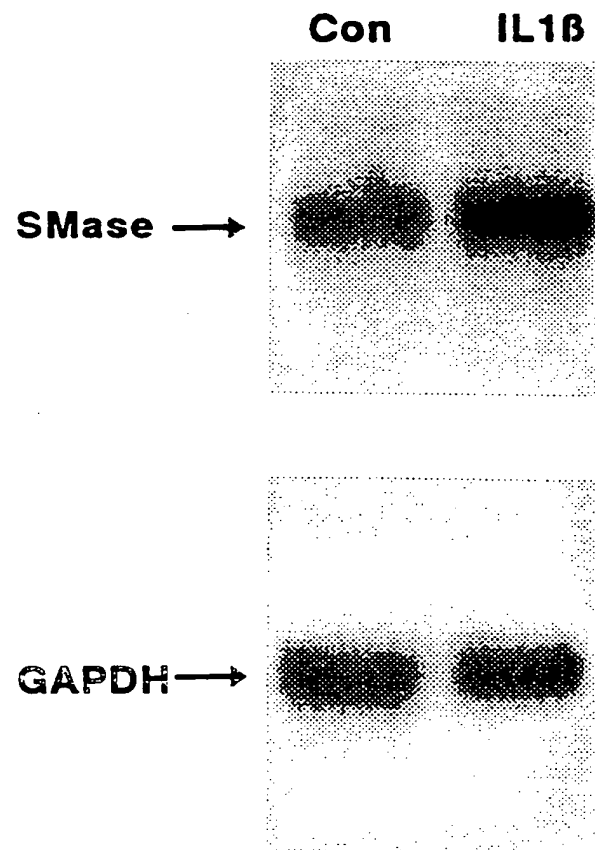


FIG. 25A

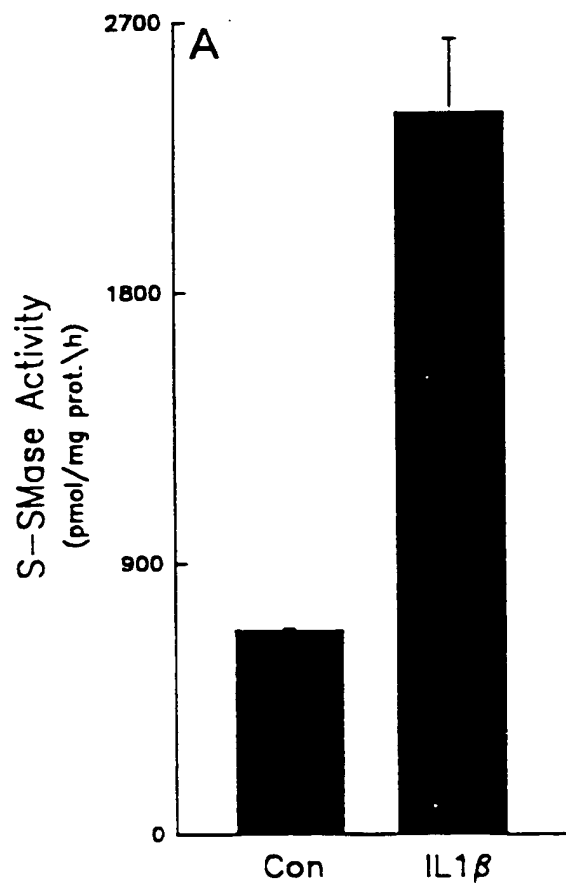


FIG. 25B

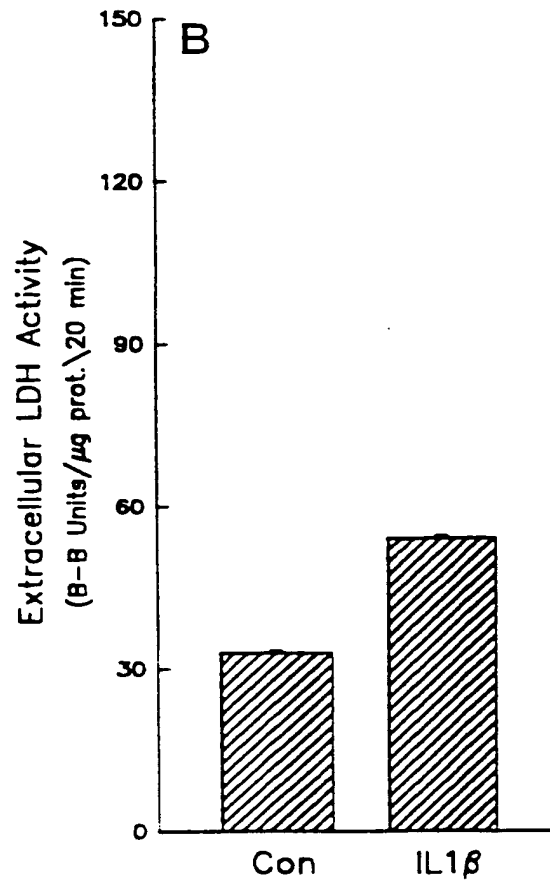


FIG. 26

